DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES LETTERS PATENT APPLICATION

As a below-named i	nventor, I hereby de	eclare that:			
My residence, post- name.	office address and c	citizenship are as	stated belo	w next to n	ny
an original, first and matter which is clair	iginal, first and sole joint inventor (if plumed and for which a ORT TAPERED TIP	ral names are list patent is sought	ed below) o on the inve	of the subje	ct [°] ed
is attached heret	0				
or					
was filed on PCT International A	pplication Number _ (if applicable	_ as United State	es Applicatio	on Number as amende	or d on
I hereby state that I identified application amendment specific	n specification, inclu	ding the claims, a			
I acknowledge the d patentability as definal applications, materia the prior application continuation-in-part	ned in 37 CFR 1.56, al information which and the national or	including for con became availabl	tinuation-in- e between t	-part he filing da	
I hereby claim foreign foreign application(see International applicational applications). States of America, liany foreign application having a claimed.	 s) for patent or invention which designated below and havior for patent or invention 	tor's certificate, c ed at least one co e also identified t entor's certificate,	or 365(a) of a country other celow, by ch or any PCT	any PCT than the U ecking the internatio	Inited box, nal
Prior Foreign Application Numbers	Country	Foreign Filing Date (MM/DD/YYYY)	Priority N t Claimed	Certified Cop YES	y Attached

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Applicati n Numb r(s)	Filing Date (MM/DD/YYYY)
60/423,311	11/01/2002

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

As a named inventor, I hereby appoint practitioners at Customer No. **022832** (Kirkpatrick & Lockhart LLP) to prosecute this application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Direct all telephone calls to: John F. Perullo at telephone no. (617) 261-3100. Direct all correspondence to Customer No. 022832 (Kirkpatrick & Lockhart LLP).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date

Residence: 24 Grove Street, Westford, MA 01886

Citizenship: United States

Post Office Address: 24 Grove Street, Westford, MA 01886